

SCDXC Newsletter



The Southern California DX Club is an informal group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The SCDXC newsletter is published monthly and released to everyone around the first week of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles will be republished with recognition of the author and the club. Reuse of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

n6rv@scdxc.org

Gatherings are informal and impromptu. Anyone interested in gathering can initiate one. Notify N6RV and an email will be pushed out to the group. If you would like to join that email list see our website or email N6RV.

Please check the club web site for events and details at:

<http://www.scdxc.org>

2025 Officers

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*If you need him get in
there and work him"*



Mike Mitchell, W6RW - SK



W6RW ex WB6FCE, N6NU SK Mike Mitchell, long time member of the SCDXC and SCCC passed away yesterday in Yuma AZ. An active DXer since his teens, he needed only Scarborough Reef.

A Tribute from Dave, K6LL

I'm sad to report that Mike Mitchell, W6RW, passed away on July 23rd, his 78th birthday. He was an avid contester and DXer, both in southern California and Yuma, Arizona. I knew him ever since he showed up in Yuma, after selling his accounting business in California. He loved to operate in CW and RTTY multi-op contests, and operated many times at the famous W6BA superstation in Twenty-nine Palms, CA, and then in Yuma at K6LL and W7WW, as well as single-op from his fine home station.? He was an excellent operator, and his work ethic was particularly outstanding.

Once he sat down in the operating chair, he just wouldn't quit. Mike was very active in the Yuma community, being a past president of Yuma Rotary. He loved his accounting work, and always said that he planned to never retire. He was working remotely for a large Yuma accounting firm right up to the end. He enjoyed breakfast meetings with local Yuma hams, and enjoyed regaling us with his interesting stories about contesting at W6BA. He always had a smile on his face.

RIP, Mike!

K6LL

Bill Shell, N6WS SW Division DXAC

I want to introduce myself as the newly appointed member of the ARRL DX Advisory Committee. I was recently appointed to the position by the ARRL Southwestern Division Director, Dick Norton, N6AA.

The DX Advisory Committee is in the process of reviewing the DXCC Rules. In the next meeting they are finalizing their review of Section II, and moving on with the a review of Section III (Atch). I would like to solicit any comments your club members may have on Section III of the ARRL DXCC Rules for possible presentation to the committee.

Club Information

Informal Club Meetings on Zoom

We have continued to hold meetings every second Thursday of the month. They will be Zoom only meetings! The next meeting is this month, August 10^h at 7 PM.

[SCDXC Club Meeting](#)

SDDXC Meetings

For those who have not joined San Diego DX Club or attended one of their meetings, here is a link to the presentations they have on their website.

[SDDXC Presentations](#)

NCDXC Meetings

You can join NCDXC as an associate member. They are in the process of changing the by-laws to include full membership to all hams in California that meet their membership requirements. When you join you can access all their past presentations here (*you need to enter your password*):

[NCDXC Presentations](#)

Newsletter

The interest in the SCDXC newsletter has waned. This will be the last newsletter.

Virtual Club

In September the checking account will be terminated thus ending all payments including Zoom, insurance, and other services. If someone would like to pick up the Zoom costs we will continue to have meetings otherwise in 2026 the club will be just the web-page. If you have any financial outstanding claims against the club you have until then to submit them.



Rumors on the Band

It looks like slim pickings this month! Maybe the Fall will bring us some rare ones. See you in the pile ups!

QTH	Call	Start Date	End Date	Information
Benin	TY5FR	Now	6-Aug	DL1BUG 80-10m CW SSB
Svalbard	JW/SP9HGN	Now	2-Aug	SP9HGN 40-10m SSB FT8
Rodrigues Is	3B9SP	Now	1-Aug	DK6SP 40-6m CW SSB FT8
Ogasawara Isl.	JD1BRC	2-Aug	8-Aug	JH7CSU HF CW
Mayotte	TO3K	2-Aug	10-Aug	IV3JVJ IK3ZAQ IZ3NYS 80-6m CW SSB FT8 FT4
Palau	T88GF	18-Aug	22-Aug	H6GFY (T88GF) & JK6DXD (T88XD) HF
Benin	TY2AA	18-Aug	7-Sep	IK7WUL;10m SSB
Mozambique	C94RRC	5-Jul	11-Jul	OK8AU UA3QLC R7AL HF CW SSB FT8

ClubLog Most Wanted					
2025			2024		
#	Pfx	Entity	#	Pfx	Entity
1	P5	DPRK (NORTH KOREA)	1	P5	DPRK (NORTH KOREA)
2	BS7H	SCARBOROUGH REEF	2	BS7H	SCARBOROUGH REEF
3	CE0X	SAN FELIX ISLANDS	3	CE0X	SAN FELIX ISLANDS
4	BV9P	PRATAS ISLAND	4	BV9P	PRATAS ISLAND
5	KH7K	KURE ISLAND	5	KH7K	KURE ISLAND
6	KH3	JOHNSTON ISLAND	6	KH3	JOHNSTON ISLAND
7	3Y/P	PETER 1 ISLAND	7	3Y/B	BOUVET ISLAND
8	FT5/X	KERGUELEN ISLAND	8	FT5/X	KERGUELEN ISLAND
9	YV0	AVES ISLAND	9	3Y/P	PETER 1 ISLAND
10	3Y/B	BOUVET ISLAND	10	YV0	AVES ISLAND
11	VK0M	MACQUARIE ISLAND	11	VK0M	MACQUARIE ISLAND
12	KH4	MIDWAY ISLAND	12	SV/A	MOUNT ATHOS
13	PY0S	SAINT PETER AND PAUL ROCKS	13	ZS8	PRINCE EDWARD & MARION ISLANDS
14	KP5	DESECHEO ISLAND	14	KH4	MIDWAY ISLAND
15	VP0S	SOUTH SANDWICH ISLANDS	15	EZ	TURKMENISTAN
16	ZL9	NEW ZEALAND SUBANTARCTIC ISLANDS	16	PY0S	SAINT PETER AND PAUL ROCKS
17	FK/C	CHESTERFIELD ISLANDS	17	VP0S	SOUTH SANDWICH ISLANDS
18	VK0H	HEARD ISLAND	18	YK	SYRIA
19	FT/T	TROMELIN ISLAND	19	KP5	DESECHEO ISLAND
20	EZ	TURKMENISTAN	20	FT/G	GLORIOSO ISLAND
21	ZS8	PRINCE EDWARD & MARION ISLANDS	21	FT5/W	CROZET ISLAND
22	ZL8	KERMADEC ISLAND	22	ZL9	NEW ZEALAND SUBANTARCTIC ISLANDS
23	YK	SYRIA	23	XF4	REVILLAGIGEDO
24	VP0G	SOUTH GEORGIA ISLAND	24	FK/C	CHESTERFIELD ISLANDS
25	XF4	REVILLAGIGEDO	25	FT/T	TROMELIN ISLAND
26	KH1	BAKER HOWLAND ISLANDS	26	VK0H	HEARD ISLAND
27	FT5/W	CROZET ISLAND	27	KH1	BAKER HOWLAND ISLANDS
28	VK9M	MELLISH REEF	28	PY0T	TRINDADE & MARTIM VAZ ISLANDS
29	FT/J	JUAN DE NOVA, EUROPA	29	VP0G	SOUTH GEORGIA ISLAND
30	KH9	WAKE ISLAND	30	ZL8	KERMADEC ISLAND
31	SV/A	MOUNT ATHOS	31	KH9	WAKE ISLAND
32	HK0/M	MALPELO ISLAND	32	JD/M	MINAMI TORISHIMA
33	PY0T	TRINDADE & MARTIM VAZ ISLANDS	33	VK9M	MELLISH REEF
34	JD/M	MINAMI TORISHIMA	34	FT/J	JUAN DE NOVA, EUROPA
35	KP1	NAVASSA ISLAND	35	Ti9	COCOS ISLAND
36	Ti9	COCOS ISLAND	36	HK0/M	MALPELO ISLAND
37	FT/G	GLORIOSO ISLAND	37	KP1	NAVASSA ISLAND
38	VK9W	WILLIS ISLAND	38	KH5	PALMYRA & JARVIS ISLANDS
39	FT5Z	AMSTERDAM & ST PAUL ISLANDS	39	T31	CENTRAL KIRIBATI
40	VP8O	SOUTH ORKNEY ISLANDS	40	VP8O	SOUTH ORKNEY ISLANDS
41	XZ	MYANMAR	41	FT5Z	AMSTERDAM & ST PAUL ISLANDS
42	ZK3	TOKELAU ISLANDS	42	VK9W	WILLIS ISLAND
43	3C0	ANNOBON	43	XZ	MYANMAR
44	1S	SPRATLY ISLANDS	44	3D2/C	CONWAY REEF
45	T5	SOMALIA	45	T33	BANABA ISLAND
46	KH5	PALMYRA & JARVIS ISLANDS	46	ZK3	TOKELAU ISLANDS
47	R1F	FRANZ JOSEF LAND	47	3C0	ANNOBON
48	T31	CENTRAL KIRIBATI	48	T5	SOMALIA
49	T33	BANABA ISLAND	49	5A	LIBYA
50	H40	TEMOTU PROVINCE	50	H40	TEMOTU PROVINCE

[CADXA Most Wanted DXCC](#)

[ClubLog Most Wanted DXCC](#)

DX Standings

Thanks to the handful that sent in your final standings. For the record about 8 people forwarded their latest count. This is a good indication of how many read the newsletter.

We would like to congratulate Dave, N7NR for passing the 3000 DXCC Challenge mark. This is quite an accomplishment and honestly takes a lifetime to achieve. Way to go Dave!

If you are a new member please join ClubLog and then sign up for the Southern California DX Club. If you need help email me. Send any updates to:

N6RV@SCDXC.org

SCDXC WAZ and DXCC Standings

The first WAZ column is the confirmed zone count on 11 bands 160 - 6, including 60 meters. The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

M	Mixed
P	Phone
C	CW
R	RTTY

SCDXC Lifetime Standings									
Rank	Call	Current	Total	Slots	Rank	Call	Current	Total	Slots
1	W6KH	340	389		51	W6HB	311	311	1029
2	JA1BK	340	383	3242	52	N6PM	305	305	2291
3	K6YRA	340	378	2278	53	N6GP	303	314	1851
4	OH2BH	340	378		54	K6IRD	292	302	649
5	N0FW	340	372	2978	55	W6ZL	299	303	1179
6	K6YUI	340	366	2610	56	WA6HXM	275	275	
7	NS6C	340	361	2657	57	WA6WXD	274	274	
8	W6SR	340	359	2778	58	K6VC	264	267	
9	K6FG	340	357	2795	59	KN6ZZI	254	254	1197
10	WA6WZO	340	358	2456	60	K0XP	250	249	973
11	K5KT	340	355		61	N6AA	247	247	2442
12	W8DX	340	353	2456	62	W6KC	246	248	743
13	N6WS	340	352	2723	63	NE6V	239	239	1037
14	W6TK	340	351	1781	64	K6JEY	234	234	
15	N6HC	340	349	2408	65	WC2S	231	231	744
16	W6KK	340	349	2066	66	N6HE	229	238	746
17	K6ND	340	348	2861	67	W6YLZ	229	230	965
18	WA5VGI	340	348	2816	68	N6VOH	222	251	
19	KJ6Y	340	348	1439	69	N6AV	212	212	
20	N6PEQ	340	347	2056	70	K6NGO	212	212	739
21	KR6C	340	346	2152	71	K6AFW	204	204	917
22	N6RV	339	356	2517	72	WB6DJI	200	200	589
23	N6QQ	339	356	2231	73	AA6DW	196	202	402
24	W6FL	339	353	1644	74	K6FOD	195	195	479
25	K6RO	339	348	2484	75	K9TAD	180	180	274
26	N6MG	339	347		76	N6LL	169	169	
27	W6TJI	338	355		77	W6GA	169	168	
28	W6IRD	338	354		78	KC6TOD	166	166	
29	W6RW	338	352	2743	79	K6DW	165	165	420
30	N6HY	338	346	2294	80	KK6M	162	192	466
31	N6RW	337	371	2786	81	K16BTY	155	155	593
32	N7NR	337	361	3034	82	W6QE	149	149	365
33	W6OU	337	356	1935	83	WD6Y	147	147	274
34	N6IC	336	347		84	AB9A	141	141	224
35	K6JW	336	342	1371	85	NZ6L	137	178	158
36	N6AX	336	322	1826	86	N6CA	133	133	386
37	SM5GMZ	335	346	2454	87	KF6RY	125	125	306
38	K4ST	335	339	2065	88	K6BBC	103	117	216
39	K2IXQ	335	339	1837	89	N6PCD	105	105	251
40	N6MXU	335	339	1831	90	N6YQ	100	128	
41	N6AX	332	336	1827	91	WA6MEM	100	100	
42	W6SW	331	339	540	92	W6CCC	95	95	211
43	K6SY	331	337	1158	93	NA6Q	81	81	198
44	W6DR	331	336	2109	94	W6MPB	61	61	
45	AA6PW	330	331	1785	95	NR6M	57	57	123
46	NK6A	320	319	957	96	K6LAC	46	46	
47	N6DZH	316	322	1621	97	K6YIC	43	43	92
48	K7MY	316	316	1461	98	NY6Y	28	28	
49	N6WT	315	315	2315	99	KJ6YL	14	14	
50	N6VNI	312	314	1541	100				

WAZ Standings				
Rank	Call	11B	5B	Awards
1	N0FW	426	200	M/P/C/R/5
2	WA5VGI	418	200	M/P/C/R/5
3	K6ND	415	200	M/5
4	N6WS	415	200	M/P/C/R/5
5	W6SR	384	200	M/P/C/5
6	K6FG	376	200	M/P/C/R/5
7	NS6C	369	200	M/P/C/R/5
8	W8DX	357	200	M/5
9	N6AW	355	200	M/P/C/5
10	K6YUI	353	200	M/P/C/R/5
11	W6RW	344	200	M/P/C/5
12	K6YRA	337	200	P/5
13	W6TK	369	198	
14	N6HY	365	196	M/P/C
15	N6RW	410	199	
16	N6WT	385	195	
17	N6RV	384	195	
18	K6RO	379	195	M/P/C
19	W6FL	253	195	
20	N6PM	380	194	
21	N6QQ	343	189	
22	KR6C	333	189	
23	N6PEQ	338	188	
24	W6DR	348	187	
25	W6OU	307	186	
26	N6GP	313	185	
27	K4ST	310	185	
28	W6KK	307	185	
29	N6DZH	295	182	
30	AA6PW	298	181	
31	N6VNI	291	181	
32	K6SY	299	178	
33	KJ6Y	237	173	
34	N6HE	253	168	
35	W6ZL	253	166	M/P/C/R
36	KN6ZZI	251	134	
37	K6JW	244	158	
38	NK6A	290	157	
39	W6KC	217	156	
40	W6YLZ	151	288	
41	K7MY	258	159	
42	N6MG	241	150	
43	NE6V	256	149	
44	K6AFW	218	149	
45	KK6M	173	140	
46	K0XP	171	140	
47	K6IRD	220	130	
48	W6SW	154	126	M/P
49	W6IRD	102	112	
50	WD6Y	174	109	M
51	K6VC	145	96	
52	K6DW	143	118	
53	WC2S	201	115	
54	K6NGO	191	110	
55	K6FOD	160	106	
56	K9TAD	113	99	
57	NZ6L	104	82	
58	N6HC	17	13	
59	WB6DJI	11	8	



2025 Get Schroeder Contest

1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LZ	PJ7	T2	TY	VK9L	VU4	YV0
1S	4U1ITU	7X	A4	CN	EA	FK/C	GJ	HV	KH1	OA	PY	T30	TZ	VK9M	VU7	Z2
3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OD	PY0F	T31	UA	VK9N	XE	Z3
3B7	4W	8Q	A6	CP	EA8	FO	GU	I	KH3	OE	PY0S	T32	UA0	VK9W	XF4	Z6
3B8	4X	8R	A7	CT	EA9	FO/A	GW	IS0	KH4	OH	PY0T	T33	UA2	VK9X	XT	Z8
3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH0	PZ	T5	UJ	VP0G	XU	ZA
3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH6	OJ0	R1F	T7	UN	VP0S	XW	ZB2
3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH7K	OK	S0	T8	UR	VP2E	XX9	ZC4
3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH8	OM	S2	TA	V2	VP2M	XZ	ZD7
3D2/C	5R	9K	BV9P	CY9	ER	FS	HB0	J7	KH8/S	ON	S5	TF	V3	VP2V	YA	ZD8
3D2/R	5T	9L	BY	D2	ES	FT/G	HC	J8	KH9	OX	S7	TG	V4	VP5	YB	ZD9
3DA	5U	9M2	C21	D4	ET	FT/J	HC8	JA	KL7	OY	S9	TI	V5	VP6	YI	ZF
3V	5V7	9M6	C31	D6	EU	FT/T	HH	JD/M	KP1	OZ	SM	TI9	V6	VP6/D	YJ	ZK3
3W	5W	9N	C5	DL	EX	FT5/W	HI	JD/O	KP2	P2	SP	TJ	V7	VP8	YK	ZL
3XA	5X	9Q	C6A	DU	EY	FT5/X	HK	JT	KP4	P4	ST	TK	V8	VP8H	YL	ZL7
3Y/B	5Z	9U	C9	E3	EZ	FT5Z	HK0/M	JW	KP5	P5	SU	TL	VE	VP8O	YN	ZL8
3Y/P	6W	9V	CE	E4	F	FW	HK0S	JX	LA	PA	SV	TN	VK	VP9	YO	ZL9
4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZP
4L	7O	9Y	CE0Y	E5/S	FH	G	HP	K	LX	PJ4	SV5	TT	VK0M	VR	YT	ZS
4O	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LY	PJ5	SV9	TU	VK9C	VU	YV	ZS8

Chart Legend	
White / Green	Entity Worked This Year by a Member
Black / White	Very Active Entity Not Yet Worked
Black / Blue	Entity with Announced DXpedition
Black / Yellow	Rarely Active Entity Not Yet Worked
Black / Red	Inactive Entity
	Deleted Entity

2025 Get Schroeder Leaders							
2025 Total Entities Worked							271
2024 Total Entities Worked							289
2025 Entities Worked by SCDXC							257
2024 SCDXC Entities Worked							280
2025 Entities Worked by SCDXC Members in SoCal							251
2024 Entities Worked by SCDXC Members in SoCal							273
2025 ClubLog Leaders Entities Worked							271
2024 ClubLog Leaders Entities Worked							288
2024 SCDXC Leader (K6ND)							273
2024 ClubLog Leader (N4RJ)							277

Rank	Call	Entities	Last Mo.	Last Yr	Leader	-Tot	-QQ	Uniques
1	K6ND	245	1	-26	3	12	-141	3
2	K6RO	242	2	-25	0	15	-138	0
3	N6RV	242	6	-22	0	15	-138	0
4	N6RW	240	3	-24	-2	17	-136	0
5	N6WT	240	4	-27	-2	17	-136	0
6	N0FW	232	2	-41	-10	25	-128	1
7	NS6C	221	3	-41	-21	36	-117	0
8	WA5VGI	215	5	-44	-27	42	-111	0
9	KN6ZZI	213	9	-25	-29	44	-109	1
10	AA6AA	196	7	-42	-46	61	-134	0
11	N6PM	183	6	-8	-59	74	-79	0
12	N6WS	169	29	-79	-73	88	-65	0
13	N6MG	166	3	-18	-76	91	-62	0
14	AA6PW	154	0	-38	-88	103	-50	0
15	N6AV	149	0	-39	-93	108	-45	0
16	W6YLZ	135	7	69	-107	122	-31	0
17	N6GP	131	0	-58	-111	126	-27	0
18	W6DR	126	0	-104	-116	131	-22	0
19	N6QQ	104	3	-98	-138	153	0	0
20	N6DZH	102	0	-77	-140	155	2	0
21	NK6A	102	1	-45	-140	155	2	0
22	WC2S	101	6	-38	-141	156	3	0

ClubLog Worked Not SCDXC

3C	A5	KG4	YA
5T	E4	PJ5	YK
5U	FH	ST	
7P	J2	TL	
9U	JX	VQ9	

SCDXC Get Schroeder Standings 2025																
Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots		
1	K6ND	4	31	11	29	89	126	109	133	68	120	2	245	722	34	
2	K6RO	2	75	24	132	130	200	186	195	181	194	30	242	1349	37	
3	N6RV	0	38	20	122	142	182	156	174	131	163	27	242	1155	57	
4	N6RW	36	99	67	153	176	206	184	183	172	173	31	240	1480	67	
5	N6WT	6	39	6	115	124	181	168	176	126	171	17	240	1129	11	
6	N0FW	39	66	60	124	145	161	149	171	150	165	62	232	1292	37	
7	NS6C	3	8	2	18	36	116	83	96	58	88	19	221	527	68	
8	WA5VGI	5	32	10	0	65	49	54	78	77	58	8	214	436	41	
9	KNEZZI	0	0	0	59	99	123	102	129	61	107	19	213	699	2	
10	N6PM	4	19	13	61	74	81	66	68	83	70	18	183	557	31	
11	N6WS	0	8	13	54	24	72	61	63	72	55	26	169	448	61	
12	N6MG	0	17	0	77	42	102	59	73	101	53	1	166	525	48	
13	AA6PW	0	2	0	62	27	67	31	102	45	96	0	154	432	38	
14	N6AV	0	0	0	73	61	91	55	86	59	88	0	149	513	11	
15	W6YLZ	0	0	0	0	23	74	49	46	35	15	21	135	263	37	
16	N6GP	0	0	0	0	0	45	1	42	30	90	14	131	222	37	
17	W6DR	16	16	22	60	53	39	22	52	42	44	2	126	368	45	
18	N6QQ	0	0	0	1	34	12	44	32	36	22	6	104	187	68	
19	N6DZH	0	2	0	6	2	12	9	62	22	85	0	102	200	37	
20	NK6A	0	0	0	1	6	28	6	83	4	68	0	102	196	80	
21	WC2S	0	0	0	2	22	22	28	27	27	40	5	101	173	33	
22	K7MY	0	20	0	18	36	0	1	0	2	75	1	91	153	48	
23	K16BTY	0	8	1	29	10	50	35	33	16	59	4	88	245	3	
24	W6TK	0	3	0	13	6	49	27	25	6	7	2	83	138	68	
25	KR6C	0	0	0	10	1	30	12	29	12	15	0	77	109	47	
26	K0XP	25	8	0	19	18	19	12	23	11	40	2	76	177	18	
27	AA6DW	0	0	0	2	3	23	30	34	7	15	4	75	118	38	
28	NA6Q	0	1	0	6	1	20	2	30	24	41	0	69	125	8	
29	K6DW	0	0	0	24	0	34	0	39	1	45	0	64	143	18	
30	K6FG	1	14	0	5	30	30	4	7	6	11	11	62	119	69	
31	K6NGO	0	0	0	4	10	21	19	19	11	10	5	62	99	5	
32	W6KK	1	11	0	3	10	3	2	18	16	43	3	61	110	30	
33	K6JW	0	18	0	2	2	5	8	7	4	6	1	39	53	66	
34	K6FOD	0	2	0	4	9	10	7	6	2	2	2	29	44	7	
35	W6SR	0	0	0	0	0	0	0	0	0	0	11	11	11	58	
36	K9TAD	0	0	0	1	0	0	5	5	1	0	1	8	13	18	
37	N6PEQ	0	0	0	0	1	0	0	0	2	4	0	7	7	39	
38	W6FL	0	0	0	0	0	0	0	0	0	0	4	4	4	65	
39	N6PCD	0	0	0	1	0	1	2	0	0	0	0	2	4	37	
40	KK6M	0	0	0	0	0	0	0	0	0	1	0	1	1	46	

Though the cycle is falling we still have lots of DX going on. It is easy to pick 50 entities on a busy day. As you can see from the standings we have fallen behind from last year with 23 fewer entities to date. Also notable is the loss of long openings on 12 and 10 meters. Nevertheless, we still have great propagation on the rest of the bands. In addition to that there are DX stations popping up from entities that have not been activated this year. We will see some Dxpeditions towards the end of the year as well.

The chase for the top position is fierce with the 2 - 5 separated only by 2 entities. The member in SCDXC territory has tied the second highest out of region member.

What Did We Really Work?

If this month's count seems low you can credit it to the least number of submissions ever. In fact we spent the last day of the month handily working 30 entities that were not worked this month. It isn't the propagation. It is just the participation.

Entity	Prefix	Total 260	Jan 204	Feb 195	Mar 199	Apr 169	May 167	Jun 117	Jul 96
MONACO	3A	1	0	0	0	0	0	1	0
MAURITIUS ISLAND	3B8	1	1	0	0	1	1	0	1
RODRIGUEZ ISLAND	3B9	1	0	0	1	1	0	0	0
FUJI ISLANDS	3D2	1	0	0	0	0	0	0	0
CONWAY REEF	3D2/C	1	0	0	1	1	1	0	0
KINGDOM OF ESWATINI	3DA	1	0	0	0	0	1	0	1
TUNISIA	3V	1	1	0	1	0	1	0	0
VIET NAM	3W	1	1	1	1	1	1	0	1
AZERBAIJAN	4J	1	0	1	0	1	0	1	1
GEORGIA	4L	1	1	1	1	1	1	0	1
MONTENEGRO	4O	1	1	1	1	1	1	1	0
SRI LANKA	4S	1	1	1	1	1	0	0	0
ITU HQ	4U1ITU	1	0	0	1	0	1	0	0
UNITED NATIONS HQ	4U1UN	1	1	1	1	0	1	0	0
ISRAEL	4X	1	1	1	1	1	1	1	1
CYPRUS	5B	1	1	1	1	1	1	1	1
TANZANIA	5H	1	0	1	1	1	1	0	1
NIGERIA	5N	1	0	1	0	0	0	0	0
MADAGASCAR	5R	1	1	1	1	0	0	0	0
SAMOA	5W	1	1	1	1	0	1	1	0
UGANDA	5X	1	0	0	1	1	0	0	0
KENYA	5Z	1	1	1	1	1	1	0	1
SENEGAL	6W	1	1	0	0	0	0	0	0
JAMAICA	6Y	1	1	1	1	1	1	0	0
MALAWI	7Q	1	1	1	1	1	0	1	1
ALGERIA	7X	1	1	1	1	1	1	0	0
BARBADOS	8P	1	1	1	1	0	1	1	0
MALDIVES	8Q	1	1	1	0	0	0	0	0
GUYANA	8R	1	1	1	0	1	0	0	0
CROATIA	9A	1	1	1	1	1	1	1	1
GHANA	9G	1	0	0	0	1	0	0	0
MALTA	9H	1	1	1	1	0	1	0	0
ZAMBIA	9J	1	0	1	1	1	1	1	0
KUWAIT	9K	1	1	0	1	0	1	0	0
SIERRA LEONE	9L	1	0	1	0	0	0	0	0
EAST MALAYSIA	9M2	1	1	1	1	1	0	0	0
WEST MALAYSIA	9M6	1	1	1	1	1	1	0	0
NEPAL	9N	1	1	0	0	1	0	0	0
SINGAPORE	9V	1	1	1	1	0	1	1	0
RWANDA	9X	1	1	1	0	0	0	0	0
TRINIDAD & TOBAGO	9Y	1	1	1	1	1	1	0	0
BOTSWANA	A2	1	1	1	0	1	0	0	1
TONGA	A3	1	0	1	1	0	0	0	1
OMAN	A4	1	1	1	0	0	0	0	0
BHUTAN	A5	1	0	0	0	1	0	0	0
UNITED ARAB EMIRATES	A6	1	1	1	1	1	1	1	1
QATAR	A7	1	1	1	1	1	1	1	1
BAHRAIN	A9	1	1	1	1	1	0	0	0
PAKISTAN	AP	1	1	0	1	1	0	0	0
TAIWAN	BU	1	1	1	1	1	0	0	0
CHINA	BY	1	1	1	1	1	1	1	1
NAURU	C21	1	1	1	1	1	1	1	1
ANDORRA	C31	1	1	1	1	0	0	0	0
THE GAMBIA	C5	1	1	1	0	1	0	0	0
BAHAMAS	C6a	1	1	1	1	1	0	0	1
MOZAMBIQUE	C9	1	0	0	0	0	0	0	1
CHILE	CE	1	1	1	1	1	1	0	1
EASTER ISLAND	CE0Y	1	0	1	0	1	0	0	0
ANTARCTICA	CE9	1	1	1	0	0	0	1	1
MOROCCO	CN	1	1	1	1	1	1	1	0
CUBA	CO	1	1	1	1	1	1	1	1
BOLIVIA	CP	1	1	1	1	0	0	1	1
PORTUGAL	CT	1	1	1	1	1	1	1	1
MADEIRA ISLANDS	CT3	1	1	1	1	1	1	1	1
AZORES	CU	1	1	1	1	0	0	1	0
URUGUAY	CX	1	1	1	1	1	0	1	0
ANGOLA	D2	1	1	1	0	0	0	1	1
CAPE VERDE	D4	1	1	1	1	0	1	0	0
COMOROS	D6	1	0	0	1	1	0	0	0
FEDERAL REPUBLIC OF GERMANY	DL	1	1	1	1	1	1	1	1
PHILIPPINES	DU	1	1	1	1	1	1	1	0
NORTH COOK ISLANDS	E5/N	1	0	0	1	1	1	1	1
SOUTH COOK ISLANDS	E5/S	1	1	1	1	1	1	0	0
NIUE	E6	1	0	0	0	0	1	0	0
BOSNIA-HERZEGOVINA	E7	1	1	1	1	1	1	1	1
SPAIN	EA	1	1	1	1	1	1	1	1
BALEARIC ISLANDS	EA6	1	1	1	1	1	1	0	0
CANARY ISLANDS	EA8	1	1	1	1	1	1	0	0
CEUTA & MELILLA	EA9	1	1	1	1	1	1	0	0
IRELAND	EI	1	1	1	1	1	1	0	0
ARMENIA	EK	1	1	1	1	1	1	0	1
LIBERIA	EL	1	1	0	0	1	0	1	0
IRAN	EP	1	0	0	1	1	1	0	0
MOLDOVA	ER	1	1	1	1	1	1	1	0
ESTONIA	ES	1	1	1	1	1	1	1	1
ETHIOPIA	ET	1	1	0	0	0	0	0	0
BEIARIUS	EU	1	1	1	1	1	1	1	1
KYRGYZSTAN	EX	1	0	1	1	1	1	1	0
TAJIKUSTAN	EY	1	0	1	1	1	1	0	0
FRANCE	F	1	1	1	1	1	1	1	1
GUADELOUPE	FG	1	1	1	1	1	1	1	0
SAINT BARTHELEMY	FJ	1	0	1	1	1	1	0	0
NEW CALEDONIA	FK	1	1	1	1	1	1	1	0
MARTINIQUE	FM	1	1	1	1	1	1	1	0
FRENCH POLYNESIA	FO	1	1	0	0	0	0	0	0
AUSTRAL ISLANDS	FO/A	1	0	0	0	1	0	0	0
CLIPPERTON ISLAND	FO/C	1	0	1	0	1	1	0	0
MARQUESAS ISLANDS	FO/M	1	0	0	0	1	0	0	1
SAINT PIERRE & MIQUELON	FP	1	0	1	0	0	0	0	1
REUNION ISLAND	FR	1	1	1	1	0	0	1	0
SAINT MARTIN	FS	1	1	1	0	0	0	0	0
TROMELIN ISLAND	FT/T	1	0	1	1	0	0	1	0
FRENCH GUIANA	FY	1	1	1	1	0	1	0	0
ENGLAND	G	1	1	1	1	1	1	1	1
ISLE OF MAN	GD	1	0	1	1	1	1	0	0
NORTHERN IRELAND	GI	1	1	1	1	1	1	1	1
JERSEY	GJ	1	1	1	1	1	1	0	1
SCOTLAND	GM	1	1	1	1	1	1	1	1
GUERNSEY	GU	1	1	1	1	1	1	0	1
WALES	GW	1	1	1	1	0	1	0	0
SOLOMON ISLANDS	H4	1	0	0	1	0	0	0	0
TEMOTU PROVINCE	H40	1	1	0	0	0	0	0	0
HUNGARY	HA	1	1	1	1	1	1	1	0
SWITZERLAND	HB	1	1	1	1	1	1	1	1
LIECHTENSTEIN	HBO	1	1	1	1	0	1	1	0
ECUADOR	HC	1	1	1	1	1	1	1	0
GALAPAGOS ISLANDS	HCS	1	1	1	1	0	0	1	1
HAITI	HH	1	1	1	0	0	0	1	1
DOMINICAN REPUBLIC	HI	1	1	1	1	1	1	0	0
COLOMBIA	HK	1	1	1	1	0	1	1	0
SAN ANDRES ISLAND	HK0S	1	0	0	0	0	0	0	1
REPUBLIC OF KOREA	HL	1	1	1	1	1	1	1	1
PANAMA	HP	1	1	1	1	0	1	1	0
HONDURAS	HR	1	1	1	1	1	1	1	1
THAILAND	HS	1	1	1	1	1	1	1	0
SAUDI ARABIA	HZ	1	1	1	1	1	1	1	1
ITALY	I	1	1	1	1	1	1	1	0
SARDINIA	IS0	1	1	1	1	1	0	0	0
DJIBOUTI	J2	1	0	0	0	0	0	0	1
GRENADA	J3	1	0	1	0	0	0	0	0
GUINEA-BISSAU	J5	1	1	0	0	0	0	0	0
SAINT LUCIA	J6	1	1	1	1	0	0	0	0
DOMINICA	J7	1	1	1	0	0	0	1	1
SAINT VINCENT	J8	1	1	1	1	0	0	1	1
JAPAN	JA	1	1	1	1	1	1	1	1
MINAMI TORISHIMA	JD/M	1	1	1	0	1	0	1	0
OGASAWARA	JD/O	1	1	0	0	1	1	1	1
MONGOLIA	JT	1	1	1	1	0	0	0	0
SVALBARD	JW	1	1	1	0	0	0	0	1
JORDAN	JY	1	1	1	1	0	0	0	0
UNITED STATES OF AMERICA	K	1	1	1	1	1	1	1	1
MARIANA ISLANDS	KH0	1	1	1	1	1	1	0	0
GUAM	KH2	1	1	1	1	1	1	0	0
HAWAII	KH6	1	1	1	1	1	1	1	1
AMERICAN SAMOA	KH8	1	1	0	0	0	1	0	0
SWAINS ISLAND	KH8/S	1	0	0	0	0	1	0	1
WAKE ISLAND	KH9	1	1	1	0	1	0	0	0
ALASKA	KL7	1	1	1	1	0	1	0	0
US VIRGIN ISLANDS	KP2	1	1	1	1	1	1	1	0
PUERTO RICO	KP4	1	1	1	1	1	1	1	0
NORWAY	LA	1	1	1	1	1	1	0	0
ARGENTINA	LU	1	1	1	1	1	1	1	1
LUXEMBOURG	LX	1	1	1	1	1	1	1	1
LITHUANIA	LY	1	1	1	1	1	1	1	0
BULGARIA	LZ	1	1	1	1	1	1	1	1
PERU	OA	1	1	1	1	1	1	0	0
LEBANON	OD	1	1	1	1	1	1	1	0
AUSTRIA	OE	1	1	1	1	1	1	1	0
FINLAND	OH	1	1	1	1	1	1	1	1
ALAND ISLANDS	OH0	1	0	1	1	0	1	0	1
MARKET REEF	OJ0	1	0	0	0	0	1	1	0
CZECH REPUBLIC	OK	1	1	1	1	1	1	1	0
SLOVAK REPUBLIC	OM	1	1	1	1	0	1	0	0
BELGIUM	ON	1	1	1	1	1	1	1	1
GREENLAND	OX	1	1	0	0	0	1	1	0
FAROE ISLANDS	OY	1	1	0	1	1	1	1	0
DENMARK	OZ	1	1	1	1	1	1	1	0
PAPUA NEW GUINEA	P2	1	0	0	0	1	0	0	0
ARUBA	P4	1	1	1	1	1	1	0	1
NETHERLANDS	PA	1	1	1	1	1	1	1	1
CURACAO	PJ2	1	1	1	1	0	1	0	0
BONAIRE	PJ4	1	1	1	1	1	1	1	0
SINT MAARTEN	PJ7	1	1	1	0	1	0	0	0
Brazil	PY	1	1	1	1	1	1	1	1
TRINIDADE & MARTIM VAS ISLANDS	PY0T	1	0	0	0	0	0	0	0
SURINAME	PZ	1	1	1	1	1	1	1	0
WESTERN SAHARA	S0	1	1	1	1	1	1	0	0
BANGLADESH	S2	1	0	1	0	0	1	1	0
SLOVENIA	S5	1	1	1	1	0	1	1	0
SEYCHELLES ISLANDS	S7	1	1	0	0	1	1	0	0
SWEDEN	SM	1	1	1	1	1	1	1	1
POLAND	SP	1	1	1	1	1	1	1	1
EGYPT	SU	1	1	1					

Who's on 6?

This month we had an opening to Europe, at least some of us did. It seems the central coast members really had the best opening. Down south there were just glimpses of it, one or two cycles of two stations in the UK. As expected the out of Southern California members racked up 34 of the 35 unique entities worked.

	So Cal	At Lrg	Diff	Uniques	Total	NRFW	N6CA	N6RW	K6RO	N6RV	N6WS	W6YLZ	N6SC	K6KZ2	N6PM	N6WT	N6GP	W6SR	K6FG	W6SVGI	N6QQ	W6C2S	K6NGO	K6BTV	W6FL	A6RDW	W6KK	W6TK	K6FOD	K6XP	W6DR	K6ND	K6TAD	K6JW	N6MG	K6MY
Pfx	DX	QSOs	DX	QSOs	SoCal	At Lrg	Total	DX	QSOs	2025	Uniques	2025	27	19	18	17	14	11	11	8	6	5	4	4	3	2	2	2	2	2	1	1	1	1	1	1
93D2	1	5	1	3	0	0	0	1	8	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
234U1UN	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
469A	0	0	1	1	1	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
489H	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
599Y	0	-1	1	3	1	0	0	0	1	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75C6	0	0	0	1	1	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77CE	1	9	1	5	0	0	0	0	1	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
79CEBY	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83CO	1	2	1	3	0	0	0	1	6	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85CT	0	-1	1	2	1	0	0	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87CU	0	0	1	2	1	0	0	0	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88CX	1	9	1	3	0	0	0	0	1	12	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
91D2	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
94DL	1	1	1	3	0	0	0	0	1	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98EN	1	6	1	2	0	0	0	1	8	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99ES	1	3	1	1	0	0	0	1	4	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101ET	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102EA	0	-1	1	2	1	0	0	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104EA8	0	-1	1	2	1	0	0	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106EI	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117F	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118FG	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120FJ	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121FK	1	8	1	2	0	0	0	0	1	10	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
125FO/A	1	4	1	4	0	0	0	0	1	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
127FO/M	0	0	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130FS	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139G	0	0	1	1	1	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140GD	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141GI	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143GM	1	1	1	2	0	0	0	0	1	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144GU	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149HB	1	2	0	0	-1	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151HC	1	8	1	5	0	0	0	1	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
152HCB	0	-1	1	3	1	0	0	0	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153HI	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154HI	0	0	1	3	1	0	0	0	1	4	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155HK	1	3	1	4	0	0	0	0	1	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
157HK0/S	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158HL	1	1	0	0	-1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159HP	1	1	1	1	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160HR	0	-1	1	2	1	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
164I	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165IS0	0	-1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169J6	0	0	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170J7	0	0	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171J8	0	0	1	2	1	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172JA	1	7	1	1	0	0	0	0	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179K	1	21	1	7	0	0	0	0	1	29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
187KH6	1	9	1	4	0	0	0	0	1	13	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
192KL7	0	0	1	2	1	0																														

Deleted ARRL DXCC Entities

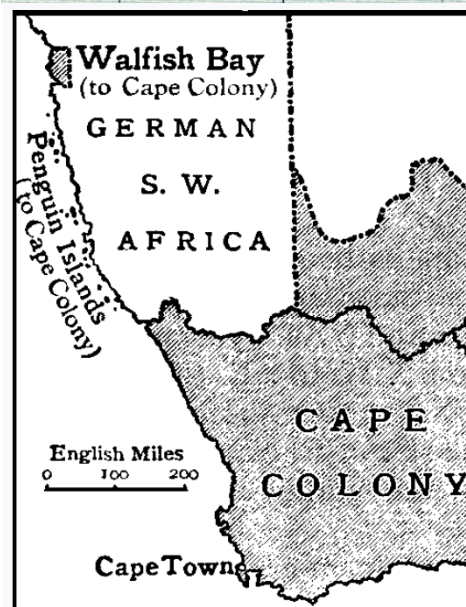
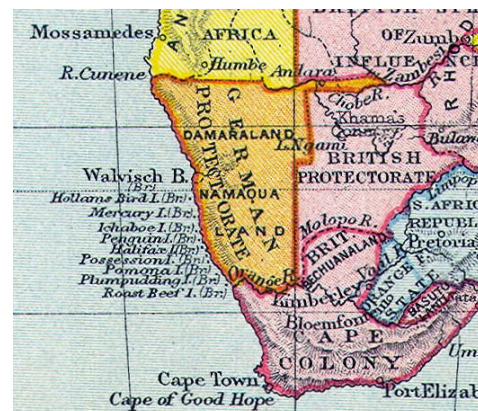
This month we look at the last two deleted entities, #61 & 62 Penguin Island and Walvis Bay.

Prefix	Entity	Cont	Zone		UTC	Location		Prefix
			ITU	CQ	+/-	Lat	Long	
VS9K	Kamaran Is	AS	39	21	3	15N	43E	7O
ZC5	Br No Borneo	OC	54	28	8	6N	116E	
ZC6	Palestine	AS	39	20	2	32N	35E	4X1
ZD4	Gold Coast, Togoland	AF	46	35	0	5N	0W	
ZS0	Penguin Is	AF	57	38	2	27S	15E	
ZS9	Walvis Bay	AF	57	38	2	23S	15E	

Penguin Island and Walvis Bay

Penguin Island in Africa refers to a collection of islands off the coasts of Namibia and South Africa where African penguins (*Spheniscus demersus*) breed. These islands, historically known as the Penguin Islands, are scattered along the southwestern coast of Africa and are home to significant penguin colonies. An attempt to absorb the islands as well as South West Africa and Walvis Bay (Walvisch Baye, Walfish Bay, Walvisch Bay, Whale Bay) into South Africa (Cape Colony) was obstructed by Britain in 1876. Germany declared South West Africa as a protectorate which excluded the islands and Walvis Bay which came under English control. In 1990 South West Africa gained independence. It was renamed Namibia. On February 28, 1994 control of Penguin Islands as well as Walvis Bay was passed to Namibia ending all claims by the UK on the territory which in turn added these two entities to the deleted category!

As seen by the photo below Penguin Island is uninhabited except for penguins and Walvis Bay is a large port. It is amazing that penguins migrate that far north.



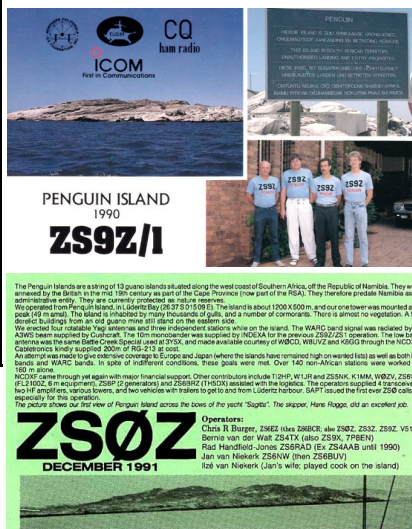
Amateur Radio Operations

Penguin Isl.	
ZS9Z/1	1990
DL8CM/ZS1	1990
ZS9AAA/1	1990
ZS0Z	1991
ZS0PI	1993
ZS0X	1994

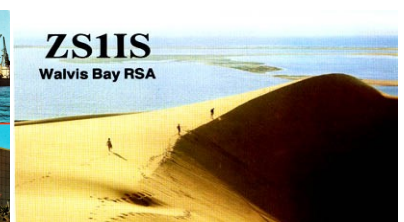
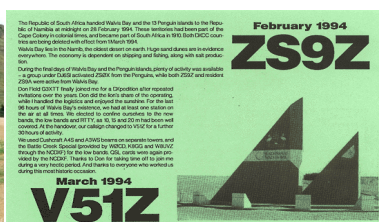
Walvis Bay	
ZS3LK/3	1978
ZS3MV	1978
ZS3WBC	1978
ZS6ANE/ZS3	1978
DF3EC/ZS9	1989
ZS1IS	1989
ZS9/DK7PE	1990
ZS9/W6KG	1990
ZS9A	1990
ZS9H	1990
ZS9S	1990
ZS9/KP2BE	1991
ZS9/DL3ECK	1992
ZS4KK/ZS9	1993
ZS9/DJ2ZS	1993
ZS9Z	1994

The first recorded DXpedition to Penguin Islands was Martti, OH2BH, Wayne, N7NG, and group. In the QSL card Martti describes the rationale for it being a separate DXCC entity. Namibia was an intervening country between it and South Africa. He went on to describe the landing as very rough and the island filled with birds. The guano mining structures were still in place though the island was uninhabited. They ran 3 Icom stations (IC 735 / IC-751 & IC-4KL) Hy-Gain TH5 & 103BA plus a Butternut HF6V vertical. They made 32,200 QSOs in 6 days including ones on RTTY and 6 meters!

The second DXpedition, ZS9AAA/1 DXpedition operated on Seal Island which is also part of the ZS0 entity. It appears they ran a 2 element trapped yagi. The ZS9A/1 also operated from seal island. They said they could smell the islands from many miles away! ZS0PI stated the dimensions of the island 1.2 km by 3 km, not big. They racked up over 9,000 QSOs. ZS0Z had 4 yagis with 3 stations and a Battle Creek Special for the low bands. ZS0X was a German DXpedition that ran Yaesu gear.



Walvis Bay is easily accessed. There were 16 activations and many more QSOs than Penguin Island. The ZS0Z DXpedition moved to Walvis Bay and operated as ZS9Z (note the similar QSL card). They operated during the final hours of the entities existence and then changed to V51Z when it became part of Namibia. They used Cushcraft A4S and A3WS yagis and the Battle Creek Special, same as on Penguin Island. Again they ran Yaesu radios and amplifiers.



This ends the series on ARRL Deleted entities. It is fitting that it is also the last newsletter. Researching the articles and studying the QSLs has been very rewarding. It is evidence that our world and the countries in it are not static but in a constant state of flux. Looking over the list we have to lament the passing of some real rare entities that many missed even though they were active in our ham careers. It leaves us with a sense that the past is behind us and the future dims, though history says change is inevitable, and thus so are new and deleted entities. Hopefully we will be around to work some more new ones!

Chasing DXpeditions Bill Shell, N6WS

Chasing DXpeditions can be fun. You can boost your country, band/country, and band/mode totals, and because many of the DXpeditions use the OQRS process you have a much better chance of getting a fast return of confirmation by LOTW and/or QSLs. So, working DXpeditions is something I look forward to, especially if they are putting the rarer entities on the air.

To help with chasing DXpeditions, in 2003, I used separate telnet connections to display DX spots of just DXpeditions. I used two telnet windows with each having its own filters for those connections into the DX Spotting Network. The new filter capability for DXSpider nodes introduced in 2003 allowed custom filtering for each telnet connection. I set source filters on the DX node for one connection to be filtered to show worldwide DXpeditions spots, and the second was showing DXpeditions from spots originating from CQ Zone 3 and 4. This was pretty effective in providing me with the a visual indication of the spotting activity for both local and worldwide DXpeditions spots. Of course, the display windows, being simple telnet windows, did not give me the ability to click on a spot and immediately have my station ready to work the DX station. So, after I retired in 2014, and became more active in chasing and working DX, I looked for a better method for me to chase DXpeditions.

The new method I decided to use employed the tools within the DX-Lab suite of programs, with a little help of pre-filtering the feed to SpotCollector. From my experience with the earlier telnet windows, I realized the DXpedition spots originating from CQ Zones 3 and 4 were of little use. I tended to want to know where they are operating, irrespective of proximity to my location for the spot source. The broader worldwide view allowed me to be ready to work the DXpedition when I did have propagation to their QTH. Since that time, I have been using as set of pre-filters on a DXSpider node, and SQL filters in SpotCollector to display the activity of ongoing DXpeditions. The SpotCollector application gives you the ability to have four connection into the DX Spotting Network and you can select different filtered displays through the use of SQL Statements or Queries. These differently filtered results are selected through buttons at the bottom of the SpotCollector window. I have two SQL Statements stored to display all ongoing DXpedition spots, and a second one to display just the DXpedition spots I need for a new band or band/mode.

Each month, usually on the first day or just after the first of the month, I post a set of filters on the Guys-Up-North (GUNS) Discord Server related to DXpeditions for that month. The origin of list of DXpeditions I use in the filters is simply the list of DXpeditions posted on the DX-World.net Website. The two sets of filters are for DX-Lab SpotCollector and for spot source filters when connected to a DXSpider node. For SpotCollector I take the list and generate two SQL Statements that display a list of spots for Needed DXpeditions (NDXP), and a list of all DXpeditions (DXP). The second set of filters in the text file is to limit the worldwide posted spots and RBN spots to ongoing DXpeditions.

To download these filters you can use the QR-Coded link provided or download the {datecode}-SpotCollectorFilter.txt file in the filter announcement on the GUNS Discord server. The text file you receive is similar to the text file in figure 1.

```
The two filters provided are filters DX-Lab SpotCollector. The first filter is NDXP,
which filters the DX spots for DXpeditions you need as band/mode fillers for your log.
The second filter is DXP, which filters the DX Spots for DXpedition spots. If you need
help in installing the SQL filters in SpotCollector contact me (N6WS) on the GUNS Discord
server, and I will walk you through the installation.
I will update these filters monthly on the 1st day of the month.
73, Bill
N6WS

SpotCollector : Filters for February 2025

Needed DXpeditions Caption: NDXP

<NeedFilter> and (Callsign in
('9x2aw','fp/f4hec','vk9/w5eit','vk9ab','vk9qd','vk9yb','5n9dtg','ti1rrc','v47ja','vp2ecv'
,'au2v','fs/df8an','zd7kyd','j52ec','h7rrc','5h3dx','c5pl','vk9xu','s79/ve3bru','ty5c','v7
3ww','8q7f1','6W7/ON4AVT'))

Ongoing DXpeditions Caption: DXP

Callsign in
('9x2aw','fp/f4hec','vk9/w5eit','vk9ab','vk9qd','vk9yb','5n9dtg','ti1rrc','v47ja','vp2ecv'
,'au2v','fs/df8an','zd7kyd','j52ec','h7rrc','5h3dx','c5pl','vk9xu','s79/ve3bru','ty5c','v7
3ww','8q7f1','6W7/ON4AVT')
```

Figure 1: Monthly filter text file (2504-SpotCollectorFilters.txt)

The two SQL Statements (filters) are placed in the SpotCollector application by holding down the Ctrl key and left-clicking on the query button you wish to populate with the filter. (figure 2)



Figure 2: SpotCollector filter buttons

As you can see, I have placed mine in the second bank of filters on buttons nine and ten. (figure 3)

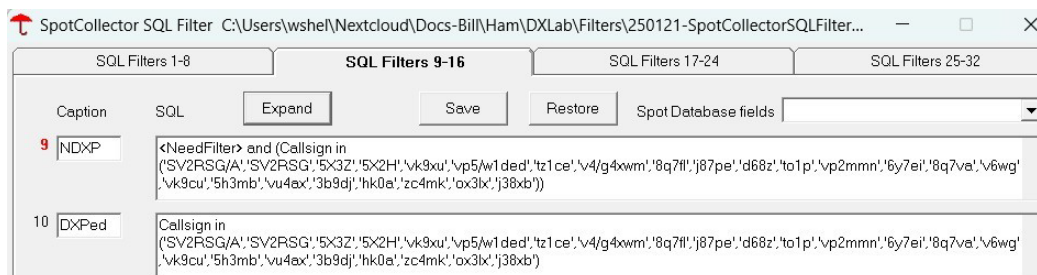


Figure 3: SQL Statements in filter configuration screen

That takes care of the SpotCollector filters, and now you need to filter the spot source. In an unused SpotCollector source you will need to connect to a DXSpider node. Ensure this connection is with a unique SSID (dash number after your callsign). Within the SpotCollector source window you should enter the commands in the second part of the downloaded text file. These commands turn on the RBN spots, clear any existing filters, and then set the filters for operator-initiated spot and RBN spots to only allow DXPedition spots. These commands can just be copied and pasted from the text file. After you have the filters set in SpotCollector you are ready to use the filters. By left-clicking on the NDXP button, your SpotCollector display will show spots received you need for a new band, band/mode, or band/zone. Figure 4 is a display of the DXPedition spots when I press the NDXP button.

Firs	Rcvd	Callsign	Pfx	Freq	QX	Band	Mode	Notes	Source	Netwo	Last	Cont	DXCCCountry	Azim	CQ	ITU	SPP
1732	1732	389DJ	389	28,005.0	28,006.0	10M	CW	UP	NA5Y0	od DX	NA-M	AF	Rodriguez Islan	348	39	53	50
1749	1806	389DJ	389	28,004.9	28,007.0	10M	CW	QX 28007.0	K2CYS	ormal	NA-E	AF	Rodriguez Islan	348	39	53	50

Figure 4: Filtered needed DXpeditions

Of all the DXpeditions spots on the day I did the screen capture, I only needed 3B9DJ on 10m CW.

If I select the DXP button, SpotCollector will display all DXPedition spots, and my display is shown in figure 5.

Firs	Rcvd	Callsign	Pfx	Freq	QX	Band	Mode	Notes	Source	Netwo	Last	Cont	DXCCCountry	Azim	CQ	ITU	SPP
1718	1722	T01P	?	28,655.0		10M	SSB	WPX SSB	VA4HZ	RBN	NA-M	?	?				
1726	1726	389DJ	389	7,055.0		40M	FT8	FT8 -14dB Q:2	Y02CK-#	od DX	EU	AF	Rodriguez Islan	348	39	53	
1732	1732	389DJ	389	28,005.0	28,006.0	10M	CW	UP	NA5Y0	od DX	NA-M	AF	Rodriguez Islan	348	39	53	50
1727	1738	D68Z	D6	28,180.0		10M	FT4	FT4 -15dB Q:2+ Z:5	VE3EID-i	RBN	NA-E	AF	Comoros	35	39	53	
1749	1806	389DJ	389	28,004.9	28,007.0	10M	CW	QX 28007.0	K2CYS	ormal	NA-E	AF	Rodriguez Islan	348	39	53	50
1729	1809	D68Z	D6	18,100.0		17M	FT8	FT8 -17dB Q:5 Z:3,4,5,14	VU2CPL-i	RBN	AS	AF	Comoros	35	39	53	
1737	1810	389DJ	389	7,025.0		40M	CW	CW 23dB Q:2+ Z:38	ZL4YL-#	RBN	OC	AF	Rodriguez Islan	348	39	53	
1752	1814	D68Z	D6	28,074.0		10M	FT8	FT8 -11dB Q:2+ Z:4	WZ7I-#	RBN	NA-E	AF	Comoros	35	39	53	

Figure 5: All DXpedition spots

This is a display of all the DXpeditions that have been spotted in the last hour. You can set the spot retention time within the SpotCollector configuration screen. This display lets me know the activity of the DXpeditions, even if I do not have predictable propagation to their QTH.

If a new previously unannounced DXpeditions comes on the air during a month, you can simply go into the filter, and change filter following the format to add the new callsign. After the last callsign, you would just add a comma and add the callsign inside a set of apostrophes. You can also add any other callsigns you want to track, like Mt. Athos.

My display is probably different from yours because I limit the SpotCollector fields to Time when first spotted, Time of last spot, Callsign, Prefix, Frequency, Split Frequency, Band, Mode, Spot Comments, Spotting Station, Network Origin, Location of last spot, Continent of station spotted, Country, Short Path Antenna Direction, CQ Zone, ITU Zone, and Probability of Short Path.

To turn off the filter, simply left-click on the "X" to the right of the block labeled "Filter SQL."

When you want set your station to listen for or work a DXPedition, you can simply click on the SpotCollector line containing the spot, and if you have properly configured the DX-Lab suite of programs, your station will be setup to work the DXPedition. This has been an effective way for me to work DXpeditions, and I hope it will help you in the future.

The download link and QR-Code for April 2025 are: [April 2025 QR Code](#)



Figure 6: QR-Code for 2504-SpotCollectorFilters.txt

If anyone needs information on accessing the GUNs Discord server, that information is in previous editions of this newsletter. If anyone wants some help in setting up this method of setting up the filters described in this article, please do not hesitate to call me or send me an email.



Items For Sale

Bill, N6WS has the following items for sale. You can contact him at N6WS@arrl.org.

Manf	Model	Title	Description	Price
Yaesu	FT-991A	HF/VHF/UHF Transceiver – 100W	This is an all mode transceiver for HF-6m-2m-70cm. The transceiver is in very good shape. It has had very little use. From a non-smoking environment. Comes in original box with MH-31 microphone. Asking \$800 plus shipping.	\$800.00
MFJ	MFJ-259	Antenna Analyzer	HF/VHF SWR ANALYZER 1.8-170 MHz, in very good condition	\$125.00
Heil	HM-12	Microphone	with Yaesu cable. in very good condition	\$50.00
Heil	ICM-BG	Microphone	Heil microphone for Icom transceivers. in very good condition	\$85.00
JetStream	JTPS-50A	13.8VDC 50A Power Supply	13.8 V 50A DC Power Supply, in very good condition	\$100.00
Yaesu	YF-122C	500 Hz Collins CW Filter	Yaesu YF-122C (XF-115C) 500Hz CW Filter for Yaesu FT-817 or FT-818 Transceiver, asking \$200 plus shipping.	\$200.00
Yaesu	FP-1023	Power Supply	13.8 VDC, 20 Amps Cont, 23 Amps ICS, in very good condition	\$85.00
Astron	SS-18	Power Supply	13.8 VDC, 15 Amps Cont, 18 Amps ICS, in very good condition	\$75.00



Resource Page

Useful Sites

N0HR DXpedition Map
www.n0hr.com/wk34/

The DX Zone
www.dxzone.com/catalog/DX_Resources/

The Daily DX
www.dailydx.com/

Announced DX Ops
www.ng3k.com/misc/adxo.html

DXing.info
www.dxing.info/DXpeditions/

DX 425 News
www.425dxn.org/dxped/

DX Italia DX News
www.marioi2mqp.it

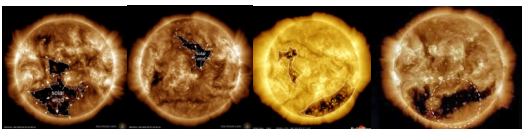
DH9SB Weekly DX Calendar
<http://www.dx-info.de>

Southern California Contest Club
<http://www.socalcontestclub.org/>

Sixth District QSL Bureau
www.QSLBureau.org

Propagation

So you are wondering why we had a poor Es season? There has been a consistent number of coronal holes during this time. They are 30 to 60 times the size of Earth. Just when the solar wind begins so subside another dose is thrown our way. Usually the band opens when the wind decreases to around 200 km/s. It just hasn't decreased, staying at 600 km/s and greater, destroying any chance of a good opening particularly over the pole. On a better note, the SFI and SSN have increased right at the end of the month. This is most likely a cyclic phenomena. We are quickly heading to the minima.



Strongest Cycle Ever?
Biggest Cycle?

Understanding Indices - K9LA

What to Expect During the Rising Years of Solar Cycle 25 - YouTube

The Termination Event | Spaceweather.com

ARRL VE Exam Sessions

To find an ARRL exam sessions in your area go to the website:

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

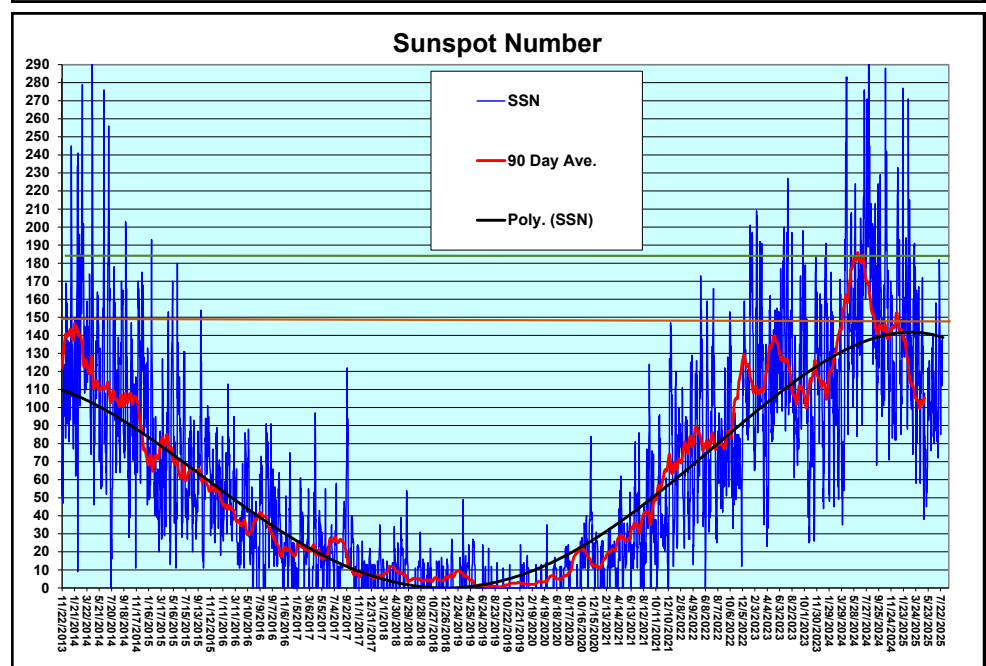
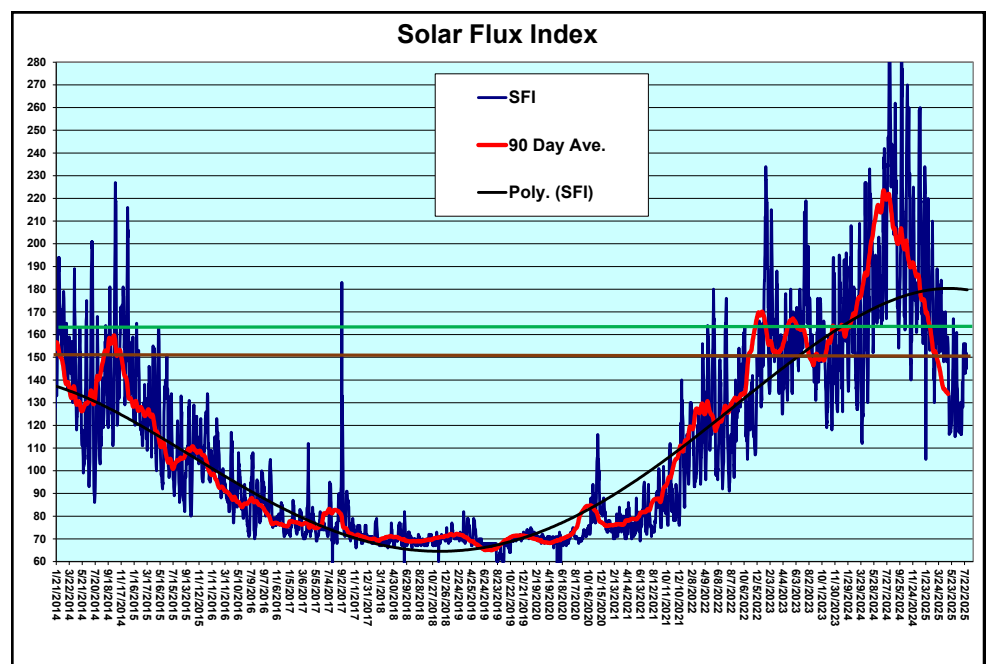
Club and Conduct Sites

Officer Guidelines

http://www.scdxc.org/download/Officer_Guidelines.pdf

DX Code of Conduct

<http://www.dx-code.org/>





Store	E-mail	Direct	Toll Free	Fax
Anaheim	ana@hamradio.com	1-714-533-7373	1-800-854-6046	1-714-533-9485
San Diego	sd@hamradio.com	1-858-560-4900	1-800-854-6046	1-858-560-1705

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Editor's Last Word

This will be the last newsletter. In 2009 we became editor and publisher. We were inactive Only two of the years since, yet we contributed articles and columns during that period. This tenure began due to an issue surrounding an activity suggested by a member at a board meeting. Certain individuals decided to use the newsletter as their pulpit for unilaterally proliferating their opinion. It was met with some resistance and when all was said and done we were left holding the newsletter.

As editor we made two simple conditions for every article and column produced:

1. No political rhetoric, off color jokes or cartoons, or ad hominem attacks will be published.
2. If two reasonable complaints regarding any column were made the column would either be retracted, removed, or modified.

These conditions were motivated by the dust up mentioned above and a newsletter issue published years ago containing an insert of distasteful QSL cards.

During this tenure there were two articles that were rejected. The first was from a nonmember who masked personal attacks against two members under the guise of good operating procedure. When challenged the ham retracted the article. The second was a lament by a member at large regarding the end of the hobby. There was nothing positive or worthy of publishing in it, and it too was rejected.

In this time, where even a whiff of political comment results in a highly polarized argument, keeping on the straight and narrow was often difficult if not impossible. Fortunately there were no repercussions due to political rhetoric over this period. It is ironic however that, due to a conflict on an open forum, we were informed that many members were unhappy with others political views and positions. A single member took it upon himself to repeatedly attempt to censor those on that forum whose beliefs were contrary to his own. This was not conveyed in a private discussion rather publically. It was so distasteful that the administrator deleted the text string. Situations like this arise from time to time and are merely dismissed however this was persistent over many months. It suffices to say that the ones who complained did not help in creating or running the forum and had not helped out at all with SCDXC in decades.

The outcome was not to self-censor rather to evaluate what was said and to make a plan going forward. We found that, though there are a few who read the newsletter, the time and effort to put it together did not yield any success at increasing the ranks of the club or the hobby. Furthermore, though the newsletter was tailored for DXers in Southern California, which gave it some relevance, most of the information could be readily found on line. If the reader was really active pursuing DX then they could easily find it there. Finally, 16 years of work producing over 150 newsletters is more than enough. It was decided that our time as editor and publisher has come to its end.

We enjoyed producing every single one of these newsletters and derived great satisfaction in doing so. Hopefully you feel the same. You can still keep in touch with each other on our Zoom channel and on the DXChat Discord Channel. Many of us are there daily though we are spread out all over the country. Please see prior newsletters describing how to join DXChat.